

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/773192.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:18
L2	4642	347/54-62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:18
L3	3	2 and (collapse with bubble with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:19
L4	2	2 and (collapse with bubble with distance with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:21
L5	30	2 and (bubble with distance with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:23
L6	28	5 not 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:21
L7	28	6 not 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:28
L8	1	7 and (suspended cantilever)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:23
L9	51123	4 and printhead:print-head:(print adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:22
L10	68187	printhead print-head (print adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:23

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L11	46	10 and (bubble with distance with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:23
L12	2	11 and (suspended cantilever)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:31
L13	648	347/61-62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:32
S1	65338	printhead print-head (print adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:23
S2	13585	S1 and (heater resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:50
S3	20124	S1 and (heater resistor heating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:50
S4	5	S1 and ((heater resistor heating) with (circular) with (resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:52
S5	8	S1 and ((heater resistor heating) with (circular geometric) with (resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:52
S6	8	S1 and ((heater resistor heating) with (circular geometric shape) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:54
S7	3	S1 and ((heater resistor heating) with (circular) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:54

## EAST Search History

S8	3	S1 and ((heater resistor heating) with (circular round) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:54
S9	3	S1 and ((heater resistor heating) with (circular round oval) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:55
S10	3	S1 and ((heater resistor heating) with (circular round oval circle) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:56
S11	0	S1 and ((heater resistor heating) with (high near4 resistance) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:56
S12	0	S1 and ((heater resistor heating) with ((high higher greater) near4 resistance) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:57
S13	0	S1 and ((heater resistor heating) with ((high higher greater) near4 (resistance resistivity)) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:57
S14	0	S1 and ((heater resistor heating) with ((high higher greater) near4 (resistance resistivity ohm)) with (suspension suspended cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:57
S15	588	S1 and ((heater resistor heating) with ((high higher greater) near4 (resistance resistivity ohm))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:59
S16	41	S15 and 347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:58
S17	147	S15 and (suspension suspended cantilever)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:00

## EAST Search History

S18	3	S17 and 347/62.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:59
S19	14	S1 and ((suspension cantilever suspending suspended) with ((high higher greater more) adj (resistance resistivity ohm)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:03
S20	704	((suspension cantilever suspending suspended) with ((high higher greater more) adj (resistance resistivity ohm)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:03
S21	0	S20 and 347/54-62.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:04
S22	35289	(suspension suspended suspending cantilever) with (resistor heater heating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:05
S23	369	S22 and (printhead print-head (print adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:05
S24	293	S23 and (geometric shape circular circle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:06
S25	169	S24 and ((higher high more greater) with (resistance resistivity ohm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 16:08
S26	236	S24 and (resistance resistivity ohm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:15
S27	1	10/728779.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:29

## EAST Search History

S28	4453	347/54-62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:29
S29	597	S28 and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:29
S30	294	S29 and (titanium-nitride (titanium adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:30
S31	233	S30 and bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:30
S32	184	S31 and boiling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 13:36
S33	58	S32 and nanogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:32
S34	184	S32 and higher	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 13:36
S35	24	S34 and (higher adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 14:53
S36	1	("5856836").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/02/16 17:15
S37	1	("5706041").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/02/16 15:32

## EAST Search History

S38	4453	347/54-62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 15:54
S39	597	S38 and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 15:55
S40	23	S39 and ((replace replacement replacing replenish replenishing resupply resupplying) with (equal equivalent) with (volume size amount))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:08
S41	5914	((replace replacement replacing replenish replenishing resupply resupplying) with (equal equivalent) with (volume size amount))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 16:32
S42	44	S41 and (printhead print-head (print adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 16:28
S43	1	("4982199") :PN:	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/02/16 16:08
S44	24	S41 and 347/54-62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 16:31
S45	12170	((replace replacement replacing replenish replenishing resupply resupplying) with (equal equivalent "same") with (volume size amount))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 16:38
S46	66	S45 and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 16:40
S47	88383	(plurality with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:26

## EAST Search History

S48	1080	S47 and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:16
S49	48	S48 and (channel with bubble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:17
S50	31	S49 and (above with boiling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:18
S51	36	S49 and (boiling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:18
S52	1091	S47 and (channel with bubble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:26
S53	229	S52 and (above with boiling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 17:26
S54	1	("5850241").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/02/17 14:08